

* * * * * * * * * * Welcome to STN International * * * * * * * * * * *

| | | |
|---------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>NEWS</u> | <u>1</u> | Web Page URLs for STN Seminar Schedule - N. America |
| <u>NEWS</u> | <u>2</u> | "Ask CAS" for self-help around the clock |
| <u>NEWS</u> | <u>3</u> | CA/CAplus records now contain indexing from 1907 to the present |
| <u>NEWS</u> | <u>4</u> | INPADOC: Legal Status data reloaded |
| <u>NEWS</u> | <u>5</u> | DISSABS now available on STN |
| <u>NEWS</u> | <u>6</u> | PCTFULL: Two new display fields added |
| <u>NEWS</u> | <u>7</u> | BIOSIS file reloaded and enhanced |
| <u>NEWS</u> | <u>8</u> | BIOSIS file segment of TOXCENTER reloaded and enhanced |
| <u>NEWS</u> | <u>9</u> | MSDS-CCOHS file reloaded |
| <u>NEWS</u> | <u>10</u> | CABA reloaded with left truncation |
| <u>NEWS</u> | <u>11</u> | IMS file names changed |
| <u>NEWS</u> | <u>12</u> | Experimental property data collected by CAS now available in REGISTRY |
| <u>NEWS</u> | <u>13</u> | STN Entry Date available for display in REGISTRY and CA/CAplus |
| <u>NEWS</u> | <u>14</u> | DGENE: Two new display fields added |
| <u>NEWS</u> | <u>15</u> | BIOTECHNO no longer updated |
| <u>NEWS</u> | <u>16</u> | CROPU no longer updated; subscriber discount no longer available |
| <u>NEWS</u> | <u>17</u> | Additional INPI reactions and pre-1907 documents added to CAS databases |
| <u>NEWS</u> | <u>18</u> | IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields |
| <u>NEWS</u> | <u>19</u> | ABI-INFORM now available on STN |
| <u>NEWS</u> | <u>20</u> | Source of Registration (SR) information in REGISTRY updated and searchable |
| <u>NEWS</u> | <u>21</u> | A new search aid, the Company Name Thesaurus, available in CA/CAplus |
| <u>NEWS</u> | <u>22</u> | German (DE) application and patent publication number format changes |
| <u>NEWS EXPRESS</u> | | DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003 |
| <u>NEWS HOURS</u> | | STN Operating Hours Plus Help Desk Availability |
| <u>NEWS INTER</u> | | General Internet Information |
| <u>NEWS LOGIN</u> | | Welcome Banner and News Items |
| <u>NEWS PHONE</u> | | Direct Dial and Telecommunication Network Access to STN |
| <u>NEWS WWW</u> | | CAS World Wide Web Site (general information) |

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 15:37:06 ON 22 FEB 2004

FILE 'REGISTRY' ENTERED AT 15:37:20 ON 22 FEB 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 20 FEB 2004 HIGHEST RN 652538-69-7
 DICTIONARY FILE UPDATES: 20 FEB 2004 HIGHEST RN 652538-69-7

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
 information enter HELP PROP at an arrow prompt in the file or refer
 to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> e 4-thiazolyl/cn
E1      1      4-THIAZOLYL, ION(1-)/CN
E2      1      4-THIAZOLOYL CHLORIDE/CN
E3      0 --> 4-THIAZOLYL/CN
E4      1      4-THIAZOLYL CHLOROMETHYL KETONE/CN
E5      1      4-THIAZOLYL DIAZOMETHYL KETONE/CN
E6      1      4-THIAZOLYL N-(1-BUTYLCARBAMOYL-2-BENZIMIDAZOLYL) CARBAMATE/C
          N
E7      1      4-THIAZOLYL N-(5-BUTYL-1-METHOXYSUBSTITUTED-2-BENZIMIDAZOLE) CAR
          BAMATE/CN
E8      1      4-THIAZOLYL N-(5-BUTYL-2-BENZIMIDAZOLYL) CARBAMATE/CN
E9      1      4-THIAZOLYL, 4,5-DIHYDRO-2,4,5,5-TETRAMETHYL-/CN
E10     1      4-THIAZOLYLACETAMIDE/CN
E11     1      4-THIAZOLYLACETIC ACID/CN
E12     1      4-THIAZOLYLACETONITRILE/CN
```

```
=> e 2-methyl-4-thiazolyl/cn
E1      1      2-METHYL-4-THIAZOLEMETHANOL/CN
E2      1      2-METHYL-4-THIAZOLIDINONE/CN
E3      0 --> 2-METHYL-4-THIAZOLYL/CN
E4      1      2-METHYL-4-THIOCHROMANONE/CN
E5      1      2-METHYL-4-THIOCHROMANE 1,1-DIOXIDE/CN
E6      1      2-METHYL-4-THIOCHROMONE/CN
E7      1      2-METHYL-4-THIOCYANATOPHENOL/CN
E8      1      2-METHYL-4-THIOPHENECARBOXYLIC ACID/CN
E9      1      2-METHYL-4-TRIFLUOROMETHoxyANILINE/CN
E10     1      2-METHYL-4-TRIFLUOROMETHoxyBENZENESULFONYL CHLORIDE/CN
E11     1      2-METHYL-4-TRIFLUOROMETHYL-3-FURANCARBOXYLIC ACID/CN
E12     1      2-METHYL-4-TRIFLUOROMETHYL-3-PYRIDINEMETHANOL/CN
```

```
=> e 4-thiazolyl/cn
E1      1      4-THIAZOLYL, ION(1-)/CN
E2      1      4-THIAZOLOYL CHLORIDE/CN
E3      0 --> 4-THIAZOLYL/CN
E4      1      4-THIAZOLYL CHLOROMETHYL KETONE/CN
E5      1      4-THIAZOLYL DIAZOMETHYL KETONE/CN
E6      1      4-THIAZOLYL N-(1-BUTYLCARBAMOYL-2-BENZIMIDAZOLYL) CARBAMATE/C
          N
```

E7 1 4 - THIAZOLYL N - (5 - BUTYL - 1 - METHOXYCARBONYL - 2 - BENZIMIDAZOLE) CAR
BAMATE/CN
E8 1 4 - THIAZOLYL N - (5 - BUTYL - 2 - BENZIMIDAZOLYL) CARBAMATE/CN
E9 1 4 - THIAZOLYL, 4,5 - DIHYDRO - 2,4,5,5 - TETRAMETHYL - /CN
E10 1 4 - THIAZOLYLACETAMIDE/CN
E11 1 4 - THIAZOLYLACETIC ACID/CN
E12 1 4 - THIAZOLYLACETONITRILE/CN

=> s e2

L1 1 "4 - THIAZOLOYL CHLORIDE" /CN

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 3745-79-7 REGISTRY

CN 4-Thiazolecarbonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 4-Thiazoyl chloride

CN 4-Thiazoylcarbonyl chloride

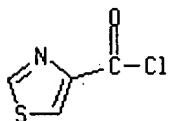
CN Thiazole-4-carboxylic acid chloride

FS 3D CONCORD

MF C4 H2 Cl N O S

LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, IFICDB, IFIPAT,
IFIUDB, TOXCENTER, USPATFULL

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

23 REFERENCES IN FILE CA (1907 TO DATE)

23 REFERENCES IN FILE CAPLUS (1907 TO DATE)

3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

L2 STRUCTURE UPLOADED

=> d 12

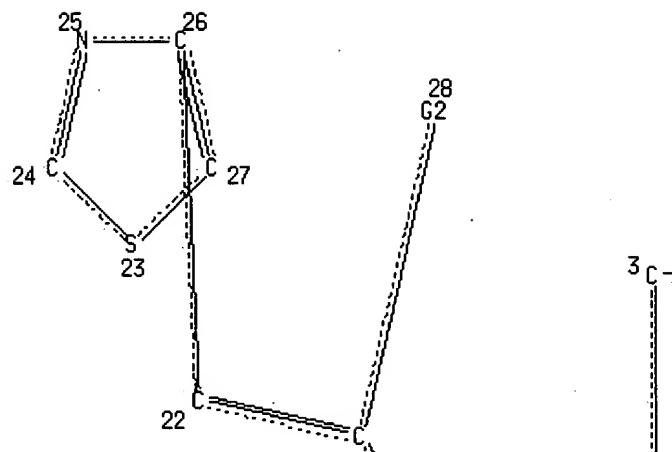
L2 HAS NO ANSWERS

L2 STR

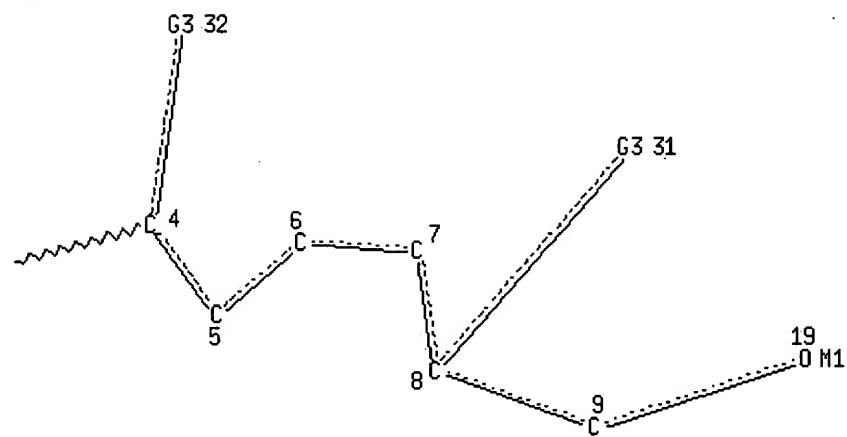
H 37 Cb 38Ak 39

H 35 Ak 36

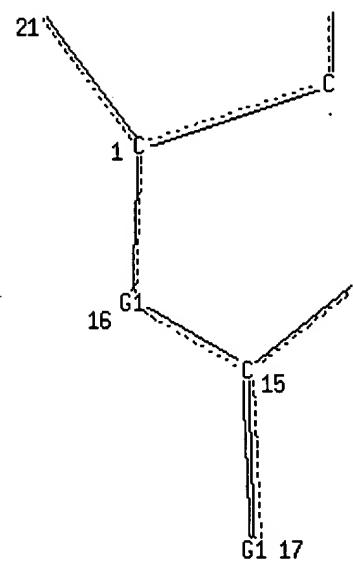
O 33 S 34



Page 1-A

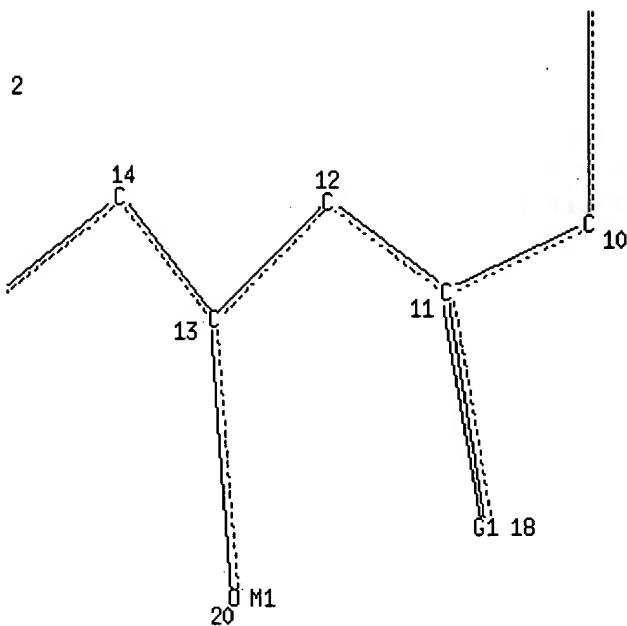


Page 1-B



Page 2-A

2



Page 2-B

30

Ak

Page 3-B

2

Page 4-A

9

Cb

Page 4-B

VAR G1=33/34

VAR G2=35/36

VAR G3=37/38/39/30

NODE ATTRIBUTES:

| | | | |
|--------|-------|----|----|
| HCOUNT | IS M1 | AT | 19 |
| HCOUNT | IS M1 | AT | 20 |
| NSPEC | IS R | AT | 1 |
| NSPEC | IS R | AT | 2 |
| NSPEC | IS R | AT | 3 |
| NSPEC | IS R | AT | 4 |
| NSPEC | IS R | AT | 5 |
| NSPEC | IS R | AT | 6 |
| NSPEC | IS R | AT | 7 |
| NSPEC | IS R | AT | 8 |
| NSPEC | IS R | AT | 9 |
| NSPEC | IS R | AT | 10 |
| NSPEC | IS R | AT | 11 |
| NSPEC | IS R | AT | 12 |
| NSPEC | IS R | AT | 13 |
| NSPEC | IS R | AT | 14 |
| NSPEC | IS R | AT | 15 |
| NSPEC | IS R | AT | 16 |
| NSPEC | IS C | AT | 17 |
| NSPEC | IS C | AT | 18 |
| NSPEC | IS C | AT | 19 |
| NSPEC | IS C | AT | 20 |

```

NSPEC IS C AT 21
NSPEC IS C AT 22
NSPEC IS R AT 23
NSPEC IS R AT 24
NSPEC IS R AT 25
NSPEC IS R AT 26
NSPEC IS R AT 27
NSPEC IS C AT 28
NSPEC IS C AT 29
NSPEC IS C AT 30
NSPEC IS C AT 31
NSPEC IS C AT 32
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT 19 20 21 22 30 35 36 37 38 39
DEFAULT ECLEVEL IS LIMITED

```

GRAPH ATTRIBUTES:

```

RSPEC 23
NUMBER OF NODES IS 39

```

STEREO ATTRIBUTES: NONE

```

=> s 12
SAMPLE SEARCH INITIATED 15:50:45 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 76 TO ITERATE

```

```

100.0% PROCESSED 76 ITERATIONS 40 ANSWERS
SEARCH TIME: 00.00.01

```

```

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 997 TO 2043
PROJECTED ANSWERS: 421 TO 1179

```

```
L3 40 SEA SSS SAM L2
```

```

=> s 12 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:51:15 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1408 TO ITERATE

```

```

100.0% PROCESSED 1408 ITERATIONS 694 ANSWERS
SEARCH TIME: 00.00.01

```

```
L4 694 SEA SSS FUL L2
```

```

=> file hcaplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
                           ENTRY SESSION
FULL ESTIMATED COST           171.28   171.49

```

```

FILE 'HCAPLUS' ENTERED AT 15:51:26 ON 22 FEB 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

```

Copyright of the articles to which records in this database refer is

held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 22 Feb 2004 VOL 140 ISS 9
 FILE LAST UPDATED: 20 Feb 2004 (20040220/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14
 L5 420 L4

| | | | |
|----------------------|--|------------|---------|
| => file reg | | SINCE FILE | TOTAL |
| COST IN U.S. DOLLARS | | ENTRY | SESSION |
| FULL ESTIMATED COST | | 7.08 | 178.57 |

FILE 'REGISTRY' ENTERED AT 15:52:56 ON 22 FEB 2004
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 FEB 2004 HIGHEST RN 652538-69-7
 DICTIONARY FILE UPDATES: 20 FEB 2004 HIGHEST RN 652538-69-7

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

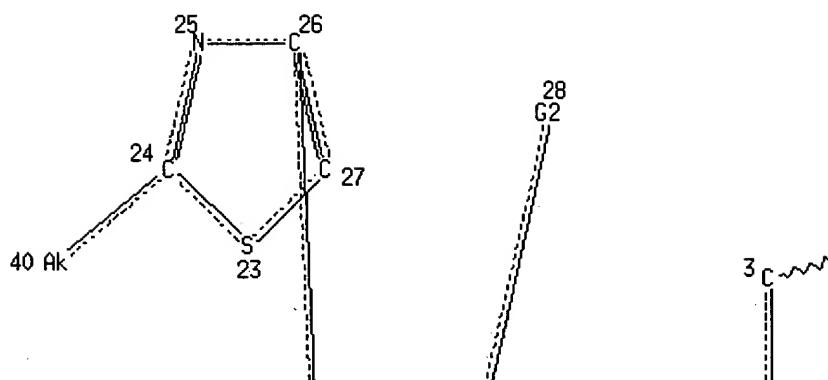
=>
 L6 STRUCTURE UPLOADED
 => d 16
 L6 HAS NO ANSWERS
 L6 STR

Ak 48

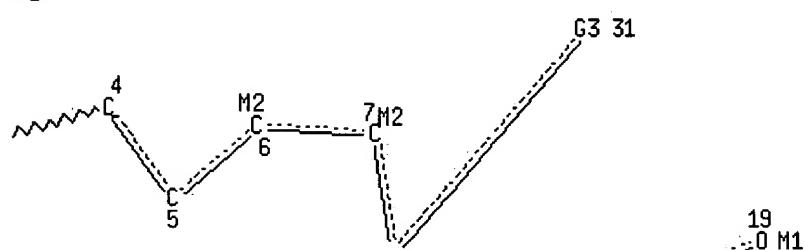
H 45 Cb 46 Ak 47

H 43 Ak 44

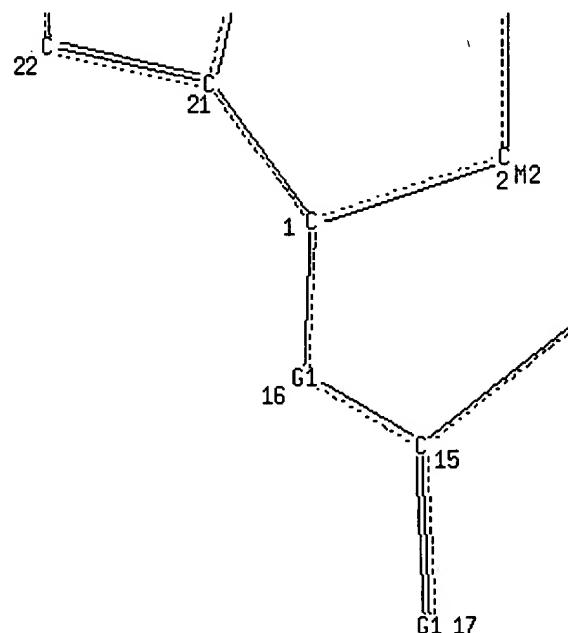
O 41 S 42



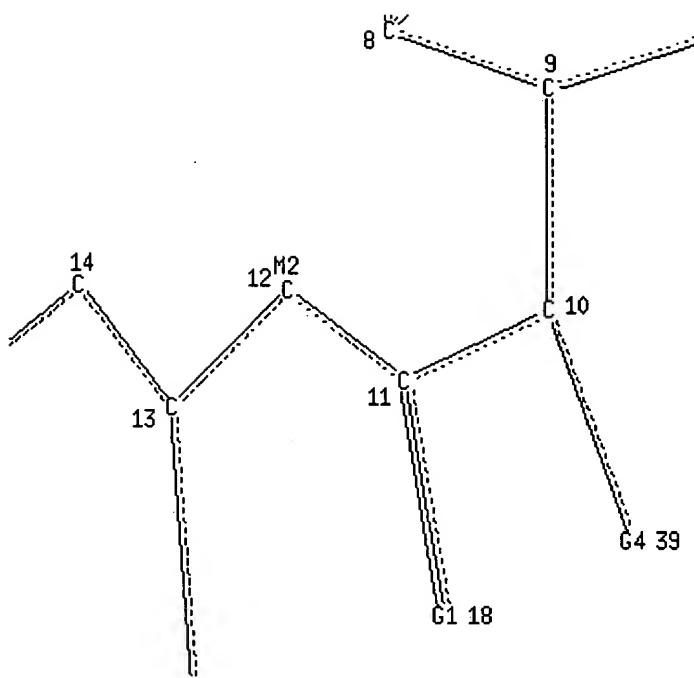
Page 1-A



Page 1-B

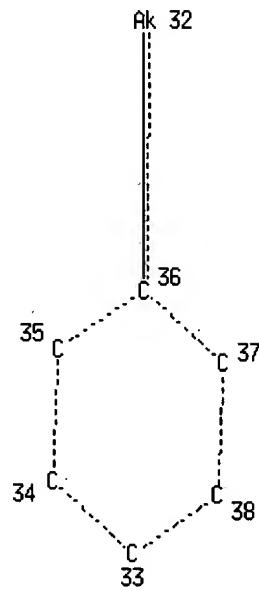


Page 2-A



Page 2-B

20 M1



Page 3-B

29 Cb
Page 4-A



Page 4-B

VAR G1=41/42
VAR G2=43/44
VAR G3=45/46/47/30
VAR G4=48/32

NODE ATTRIBUTES:

```

HCOUNT IS M2      AT   2
HCOUNT IS M2      AT   6
HCOUNT IS M2      AT   7
HCOUNT IS M2      AT  12
HCOUNT IS M1      AT  19
HCOUNT IS M1      AT  20
NSPEC  IS R       AT   1
NSPEC  IS R       AT   2
NSPEC  IS R       AT   3
NSPEC  IS R       AT   4
NSPEC  IS R       AT   5
NSPEC  IS R       AT   6
NSPEC  IS R       AT   7
NSPEC  IS R       AT   8
NSPEC  IS R       AT   9
NSPEC  IS R       AT  10
NSPEC  IS R       AT  11
NSPEC  IS R       AT  12
NSPEC  IS R       AT  13
NSPEC  IS R       AT  14
NSPEC  IS R       AT  15
NSPEC  IS R       AT  16
NSPEC  IS C       AT  17
NSPEC  IS C       AT  18
NSPEC  IS C       AT  19
NSPEC  IS C       AT  20
NSPEC  IS C       AT  21
NSPEC  IS C       AT  22
NSPEC  IS R       AT  23
NSPEC  IS R       AT  24
NSPEC  IS R       AT  25
NSPEC  IS R       AT  26
NSPEC  IS R       AT  27
NSPEC  IS C       AT  28
NSPEC  IS C       AT  29
NSPEC  IS C       AT  30
NSPEC  IS C       AT  31
NSPEC  IS C       AT  32
NSPEC  IS R       AT  33
NSPEC  IS R       AT  34
NSPEC  IS R       AT  35
NSPEC  IS R       AT  36
NSPEC  IS R       AT  37
NSPEC  IS R       AT  38
NSPEC  IS C       AT  39
NSPEC  IS C       AT  40
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT  19 20 21 22 30 32 40 43 44 45 46 47 48
DEFAULT ECLEVEL IS LIMITED

```

GRAPH ATTRIBUTES:

```

RSPEC 23
NUMBER OF NODES IS 48

```

STEREO ATTRIBUTES: NONE

```

=> s 16
SAMPLE SEARCH INITIATED 15:56:15 FILE 'REGISTRY'

```

SAMPLE SCREEN SEARCH COMPLETED - 76 TO ITERATE

100.0% PROCESSED 76 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 997 TO 2043
PROJECTED ANSWERS: 0 TO 0

L7 0 SEA SSS SAM L6

=> s 16 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:56:25 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1398 TO ITERATE

100.0% PROCESSED 1398 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L8 0 SEA SSS FUL L6

=> e 2-methyl thiazolyl/cn
E1 1 2-METHYL PROPAVIC ACID 2,2-DIMETHYL-1-(2-HYDROXY-1-ETHYL)PROPYL ESTER/CN
E2 1 2-METHYL STYRENE RADICAL ANION/CN
E3 0 --> 2-METHYL THIAZOLYL/CN
E4 1 2-METHYL TRICYCLO(3.2.1.02,4)OCTANE-3-CARBOXYLIC ACID/CN
E5 1 2-METHYL TRIETHYL 1-PENTENE-2,3,4,5-TETRACARBOXYLATE/CN
E6 1 2-METHYL TRIMELLITATE/CN
E7 1 2-METHYL(1)BENZOTHIOPYRANO(4,3-B)INDOLE/CN
E8 1 2-METHYL(1,1'-BIPHENYL)-3-CARBOXALDEHYDE/CN
E9 1 2-METHYL(2-METHYL-2-PROPENYL)BENZOQUINONE/CN
E10 1 2-METHYL(3,4,4-D3)BUT-3-EN-2-OL/CN
E11 1 2-METHYL(4-THIAZOLYL)BENZIMIDAZOLE/CN
E12 1 2-METHYL(4.4.2)PROPELLA-2,4,11-TRIENE/CN

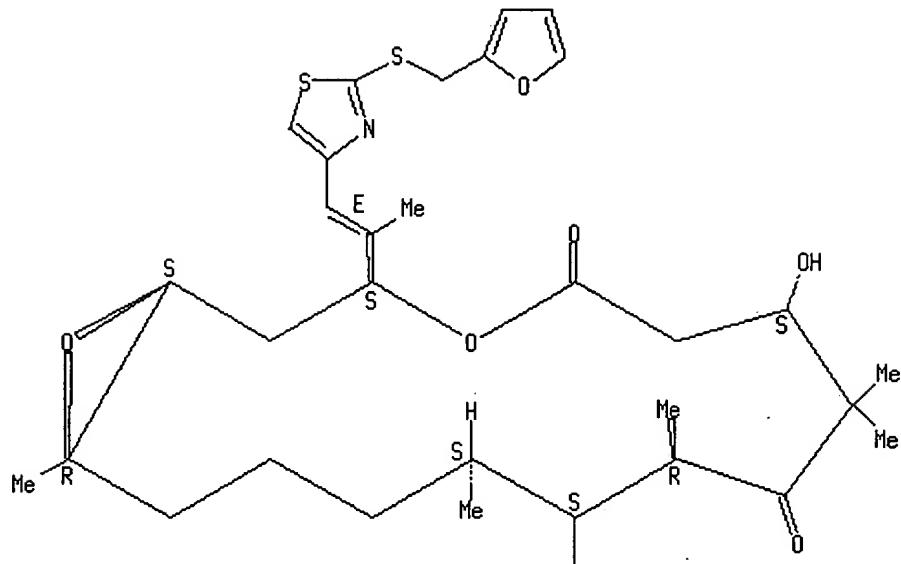
=> s e3
L9 0 "2-METHYL THIAZOLYL"/CN

=> d 13

L3 ANSWER 1 OF 40 REGISTRY COPYRIGHT 2004 ACS on STN
RN 611168-37-7 REGISTRY
CN 4,17-Dioxabicyclo[4.1.0]heptadecane-5,9-dione, 3-[(1E)-2-[2-[(2-furanylmethyl)thio]-4-thiazolyl]-1-methylethenyl]-7,11-dihydroxy-8,8,10,12,16-pentamethyl-, (1S,3S,7S,10R,11S,12S,16R)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H43 N O7 S2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 15:37:06 ON 22 FEB 2004)

FILE 'REGISTRY' ENTERED AT 15:37:20 ON 22 FEB 2004

E 4-THIAZOLYL/CN
 E 2-METHYL-4-THIAZOLYL/CN
 E 4-THIAZOLYL/CN

L1 1 S E2
 L2 STRUCTURE uploaded
 L3 40 S L2
 L4 694 S L2 FULL

FILE 'HCAPLUS' ENTERED AT 15:51:26 ON 22 FEB 2004

L5 420 S L4

FILE 'REGISTRY' ENTERED AT 15:52:56 ON 22 FEB 2004

L6 STRUCTURE uploaded
 L7 0 S L6
 L8 0 S L6 FULL
 E 2-METHYL THIAZOLYL/CN
 L9 0 S E3

=> e 2-methyl thiazolyl/cn

E1 1 2-METHYL PROPANOIC ACID 2,2-DIMETHYL-1-(2-HYDROXY-1-ETHYL) PROPYL ESTER/CN

E2 1 2-METHYL STYRENE RADICAL ANION/CN
 E3 0 --> 2-METHYL THIAZOLYL/CN
 E4 1 2-METHYL TRICYCLO (3.2.1.02,4) OCTANE-3-CARBOXYLIC ACID/CN
 E5 1 2-METHYL TRIETHYL 1-PENTENE-2,3,4,5-TETRACARBOXYLATE/CN
 E6 1 2-METHYL TRIMELLITATE/CN
 E7 1 2-METHYL(1) BENZOTHIOPYRANO (4,3-B) INDOLE/CN
 E8 1 2-METHYL(1,1'-BIPHENYL)-3-CARBOXALDEHYDE/CN
 E9 1 2-METHYL(2-METHYL-2-PROPYNYL) BENZOQUINONE/CN
 E10 1 2-METHYL(3,4,4-D3) BUT-3-EN-2-OL/CN
 E11 1 2-METHYL(4-THIAZOLYL) BENZIMIDAZOLE/CN
 E12 1 2-METHYL(4.4.2) PROPELLA-2,4,11-TRIENE/CN

=> e 2-methyl 4-thiazolyl/cn

E1 1 2-METHYL 1,2,3,9A-TETRAHYDROFLUORENE-1,2-DICARBOXYLATE/CN
 E2 1 2-METHYL 3-CYCLOPROPYL BUT-2-ENAL/CN
 E3 0 --> 2-METHYL 4-THIAZOLYL/CN
 E4 1 2-METHYL 5-TERT-BUTYL-PYRIDINE-2,5-DICARBOXYLATE/CN
 E5 1 2-METHYL ALLYL PEROXY RADICAL/CN
 E6 1 2-METHYL BRANCHED-CHAIN ACYL-COENZYME A DEHYDROGENASE/CN
 E7 1 2-METHYL BRANCHED-CHAIN ENOYL COA REDUCTASE (ASCARIS SUUM IS
 OENZYME I PRECURSOR)/CN
 E8 1 2-METHYL CYCLIC AMP/CN
 E9 1 2-METHYL CYCLOHEXYL IODIDE/CN
 E10 1 2-METHYL HYDROGEN 3-NITROPHthalate/CN
 E11 1 2-METHYL HYDROGEN NORBORNANE-2,3-ENDO-DICARBOXYLATE-2-(CARBO
 XY-14C)/CN
 E12 1 2-METHYL IMIDAZOLE, COMPD. WITH DICHLOROTETRAFLUOROACETONE (1:1)/CN

=>

L10 STRUCTURE UPLOADED

=> d 110

L10 HAS NO ANSWERS

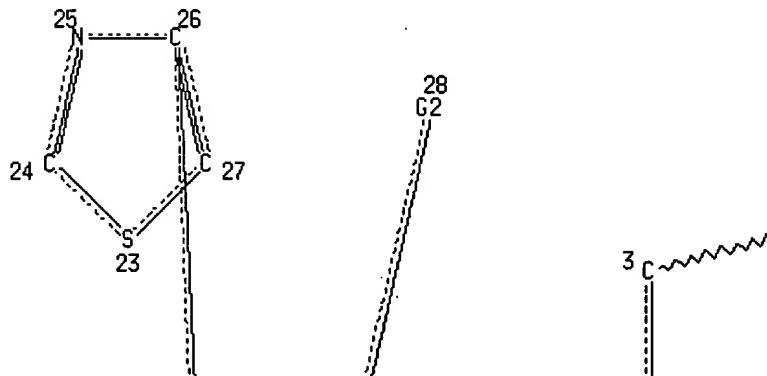
L10 STR

Ak 47

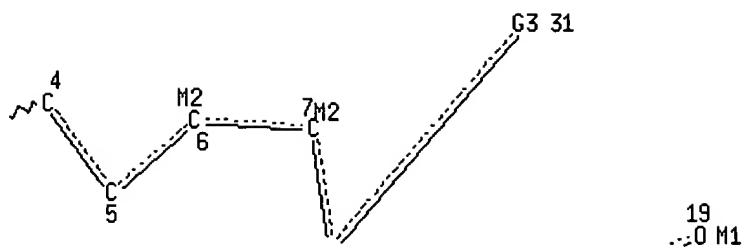
H 44 Cb 45Ak 46

H 42 Ak 43

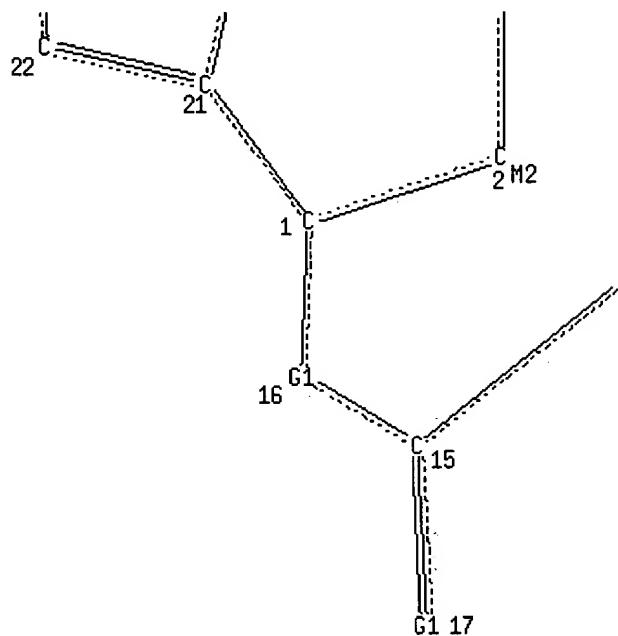
O 40 S 41



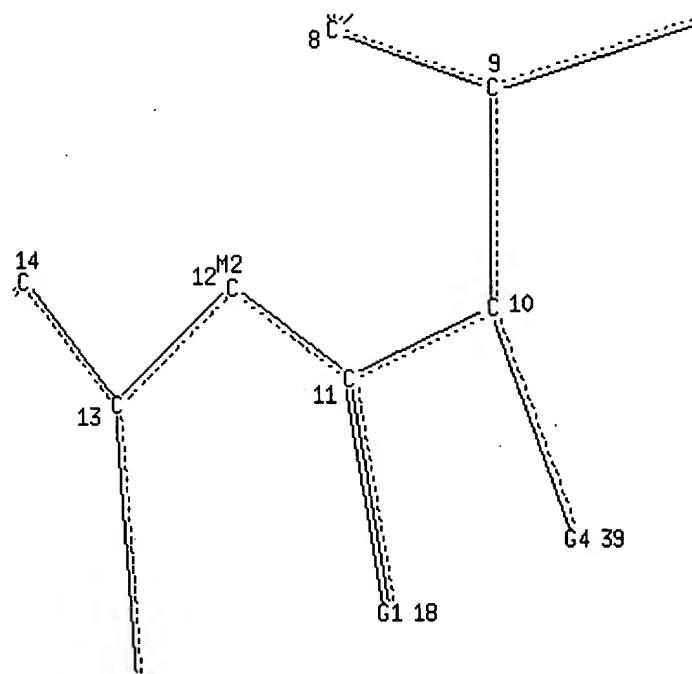
Page 1-A



Page 1-B

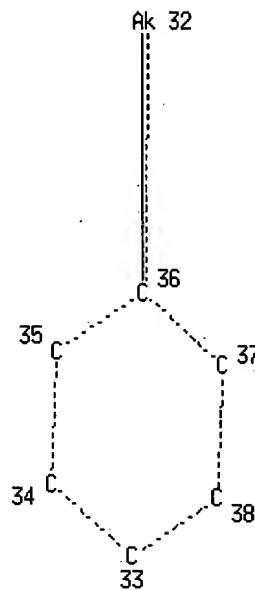


Page 2-A



Page 2-B

0 M1
20



Page 3-B

29 Cb
30 Ak

Page 4-A

30 Ak

Page 4-B

VAR G1=40/41
VAR G2=42/43
VAR G3=44/45/46/30
VAR G4=47/32

NODE ATTRIBUTES :

| | | | |
|--------|-------|----|----|
| HCOUNT | IS M2 | AT | 2 |
| HCOUNT | IS M2 | AT | 6 |
| HCOUNT | IS M2 | AT | 7 |
| HCOUNT | IS M2 | AT | 12 |
| HCOUNT | IS M1 | AT | 19 |
| HCOUNT | IS M1 | AT | 20 |
| NSPEC | IS R | AT | 1 |
| NSPEC | IS R | AT | 2 |
| NSPEC | IS R | AT | 3 |
| NSPEC | IS R | AT | 4 |
| NSPEC | IS R | AT | 5 |
| NSPEC | IS R | AT | 6 |
| NSPEC | IS R | AT | 7 |
| NSPEC | IS R | AT | 8 |
| NSPEC | IS R | AT | 9 |
| NSPEC | IS R | AT | 10 |
| NSPEC | IS R | AT | 11 |
| NSPEC | IS R | AT | 12 |
| NSPEC | IS R | AT | 13 |
| NSPEC | IS R | AT | 14 |
| NSPEC | IS R | AT | 15 |
| NSPEC | IS R | AT | 16 |
| NSPEC | IS C | AT | 17 |

```

NSPEC IS C AT 18
NSPEC IS C AT 19
NSPEC IS C AT 20
NSPEC IS C AT 21
NSPEC IS C AT 22
NSPEC IS R AT 23
NSPEC IS R AT 24
NSPEC IS R AT 25
NSPEC IS R AT 26
NSPEC IS R AT 27
NSPEC IS C AT 28
NSPEC IS C AT 29
NSPEC IS C AT 30
NSPEC IS C AT 31
NSPEC IS C AT 32
NSPEC IS R AT 33
NSPEC IS R AT 34
NSPEC IS R AT 35
NSPEC IS R AT 36
NSPEC IS R AT 37
NSPEC IS R AT 38
NSPEC IS C AT 39
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT 19 20 21 22 30 32 42 43 44 45 46 47
DEFAULT ECLEVEL IS LIMITED

```

GRAPH ATTRIBUTES:

```

RSPEC 23
NUMBER OF NODES IS 47

```

STEREO ATTRIBUTES: NONE

```

=> s 110
SAMPLE SEARCH INITIATED 15:58:58 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 76 TO ITERATE

```

```

100.0% PROCESSED 76 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

```

```

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 997 TO 2043
PROJECTED ANSWERS: 0 TO 0

```

```
L11 0 SEA SSS SAM L10
```

```

=> s 110 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:59:04 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1398 TO ITERATE

```

```

100.0% PROCESSED 1398 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

```

```
L12 0 SEA SSS FUL L10
```

```

=> log y
COST IN U.S. DOLLARS SINCE FILE TOTAL

```

| | | |
|---------------------|-----------------|-------------------|
| FULL ESTIMATED COST | ENTRY
320.40 | SESSION
498.97 |
|---------------------|-----------------|-------------------|

STN INTERNATIONAL LOGOFF AT 15:59:10 ON 22 FEB 2004